SIERRA GEOTECHNICAL SERVICES INC.

ENVIRONMENTAL • GEOTECHNICAL • GEOLOGY • HYDROGEOLOGY • MATERIALS

October 3, 2005

Mr. Robert Stark
White Mountain Estates, LLC
P.O. 332 Howell Drive
Ridgecrest, California 93555

Subject: Addendum Report
Results of Additional Subsurface Fault Investigation
Lot 46 of Tentative Tract 37-46, White Mountain Estates Subdivision
Chalfant Valley, Mono County, California

Reference: Earthquake Fault-Zone Hazard Evaluation
Phase 2 of Tentative Tract Map No. 37-46
White Mountain Estates Subdivision, Chalfant Valley
Mono County, California
Prepared by Sierra Geotechnical Services, Inc., dated March 22, 2005

Mr. Stark:

As requested, additional subsurface exploration was performed on the subject site to determine the potential for habitable areas on Lot 46. This report is prepared as an addendum to the referenced report, which has been submitted to Mono County Department of Planning for an independent review.

FAULT TRENCHING AND LOGGING

One trench approximately 225 feet long with a depth of approximately 6 feet was excavated at N 60º E, which is roughly perpendicular to the north-south trend of faulting on the subject site. The equipment used to excavate the trench was a Case 740 Extend-A-Hoe with a 24-inch wide bucket. Beginning September 6, 2005 the trench walls were scraped clean of all 'bucket marks' and spoil using a pick, shovel and broom. Shoring units were determined to not be required. Horizontal stationing along the trench at the ground surface was measured using a 200-foot reel tape, and vertical

stationing was measured using a self-retracting tape. Logging was completed on September 10, 2005. A copy of the original field log is attached as Geologic Log of Trench T-10, which was prepared in detail at a scale of 1"=5'. The location Trench T-10 was field surveyed using tape and compass, and it is shown on revised Geologic Map – Plate 1 (attached). The addition of Trench T-10 brings the trenching total to approximately 4,010 lineal feet. The trench was subsequently backfilled loosely with the excavated materials.

UNIT AGES AND RELATIONSHIPS

The stratigraphic units exposed in Trench T-10 did not indicate any faulting, but instead exposed laterally continuous, horizontally stratified younger deposits that overlay an older, moderately-inclined cobble conglomerate unit in the shutter-ridge to the west. These younger deposits appear consistent with those previously exposed in Trench T-6 to the north, particularly Units 18, 20, 39, 40 and 41, and the older cobble conglomerate deposit appears consistent with Unit 31, also exposed in Trench T-6. Minor cracks with no apparent offset were found in the younger deposits trending N 34º to 48º E. The contact between the younger and older units appears conformable and exposes well-preserved depositional features, such as imbricated shale clasts along the base of Unit 40 that appeared to be at least partly derived from the older cobble conglomerate Unit 31. Unit 41 is overlain by Unit 40, and it also appears to be derived from Unit 31.

HABITABLE ZONE

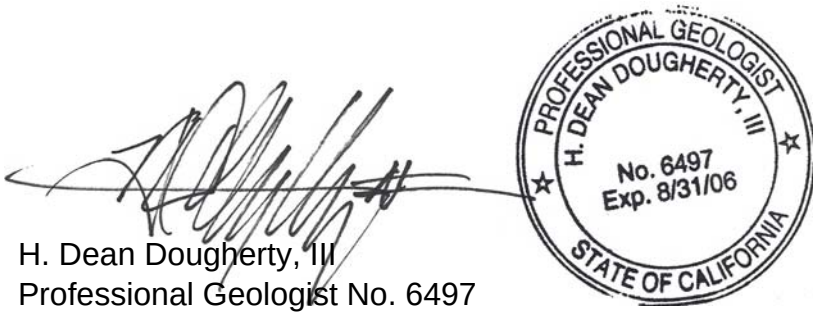
Based on the information obtained in Trench T-10 and due to the lack of evidence for faulting therein, a habitable zone has been added to Lot 46 on the subject site, with limits color-coded green on attached Plate 1. The limit of this habitable zone was established using the same criteria presented in the referenced report.

CONCLUSIONS AND RECOMMENDATIONS

The conclusions and recommendations from our original report dated March 22, 2005 referenced above remain applicable to this addendum.

This opportunity to be of additional service is appreciated.

Respectfully,
SIERRA GEOTECHNICAL SERVICES, INC.



H. Dean Dougherty, III
Professional Geologist No. 6497

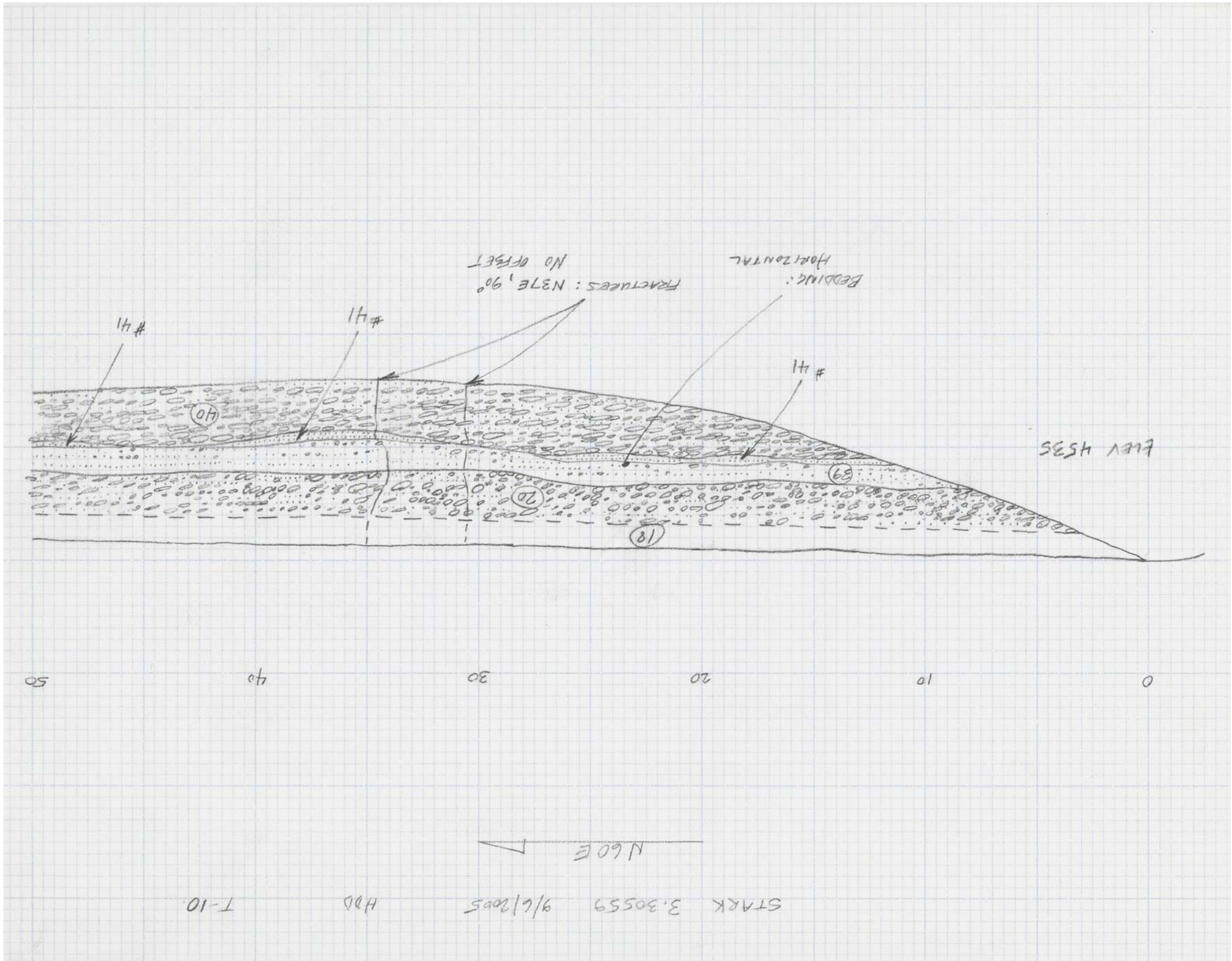
Attachments: Geologic Log of Trench T-10, Sheets 1 – 5 of 5
Revised Geologic Map, Plate 1

GEOLOGIC LOG OF TRENCH T-10

SHEETS 1 – 5 OF 5

SIERRA GEOTECHNICAL SERVICES INC.

NOTE: REFER TO OTHER LOGS OR REPORT TEXT FOR DETAILED DESCRIPTIONS OF DENOTED LITHOLOGIC UNITS



PROJECT:
GEOLOGIC LOG OF FAULT TRENCH T-10
PHASE 2 OF WHITE MOUNTAIN ESTATES SUBDIVISION

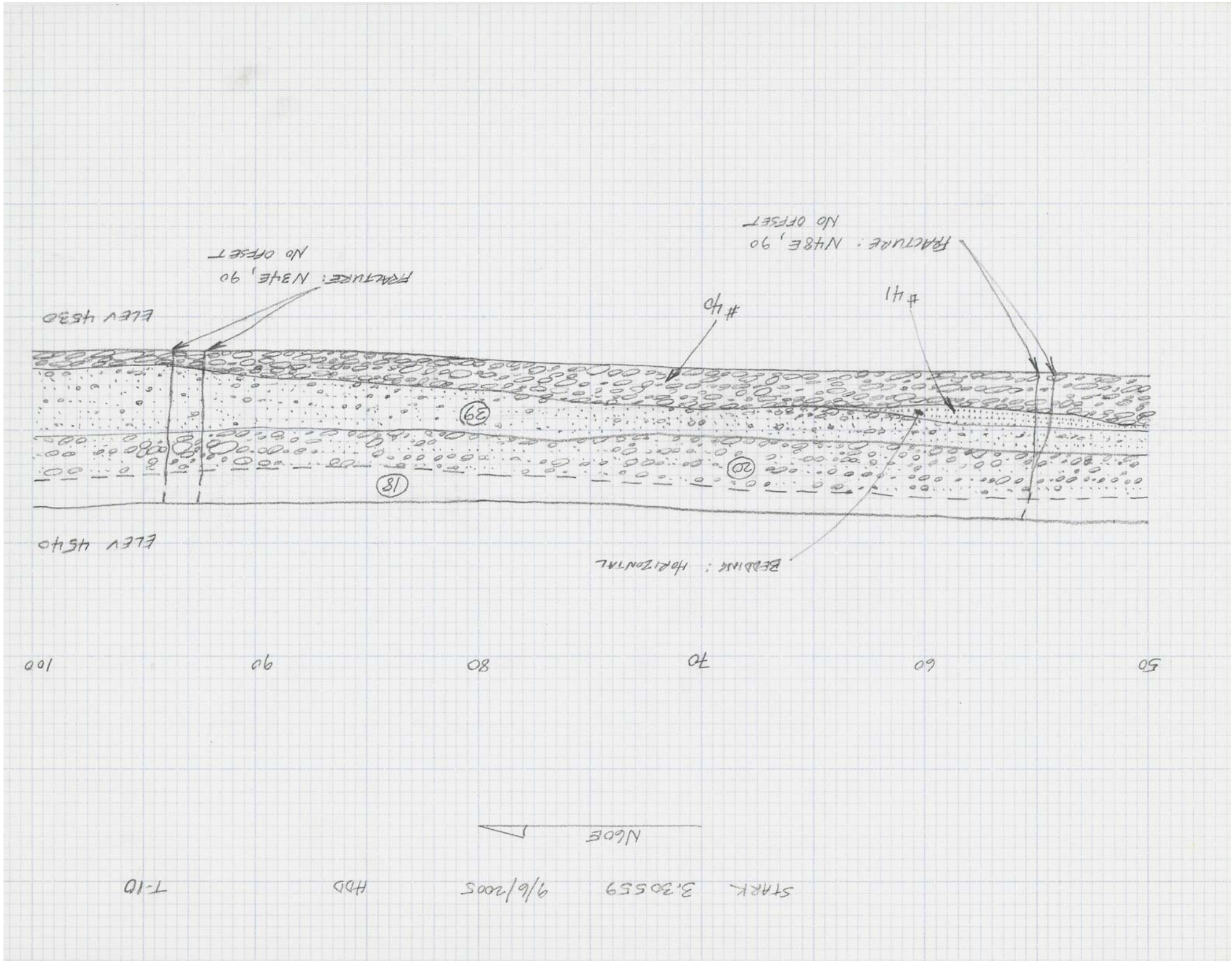
HORIZ. SCALE:	VERT. SCALE:	DATE:
1"=5'	1"=5'	10/3/2005

DRAWING:	LOGGED BY:	DRAFTED BY:
3.30559-TRENCHES.DWG	HDD	HDD

JOB NO.:	TITLE:
3.30559	**SHEET 1 OF 5**

SIERRA GEOTECHNICAL SERVICES INC.

NOTE: REFER TO OTHER LOGS OR REPORT TEXT FOR DETAILED DESCRIPTIONS OF DENOTED LITHOLOGIC UNITS



PROJECT:
GEOLOGIC LOG OF FAULT TRENCH T-10
PHASE 2 OF WHITE MOUNTAIN ESTATES SUBDIVISION

HORIZ. SCALE:	VERT. SCALE:	DATE:
1"=5'	1"=5'	10/3/2005

DRAWING:	LOGGED BY:	DRAFTED BY:
3.30559-TRENCHES.DWG	HDD	HDD

JOB NO.:	TITLE:
3.30559	**SHEET 2 OF 5**

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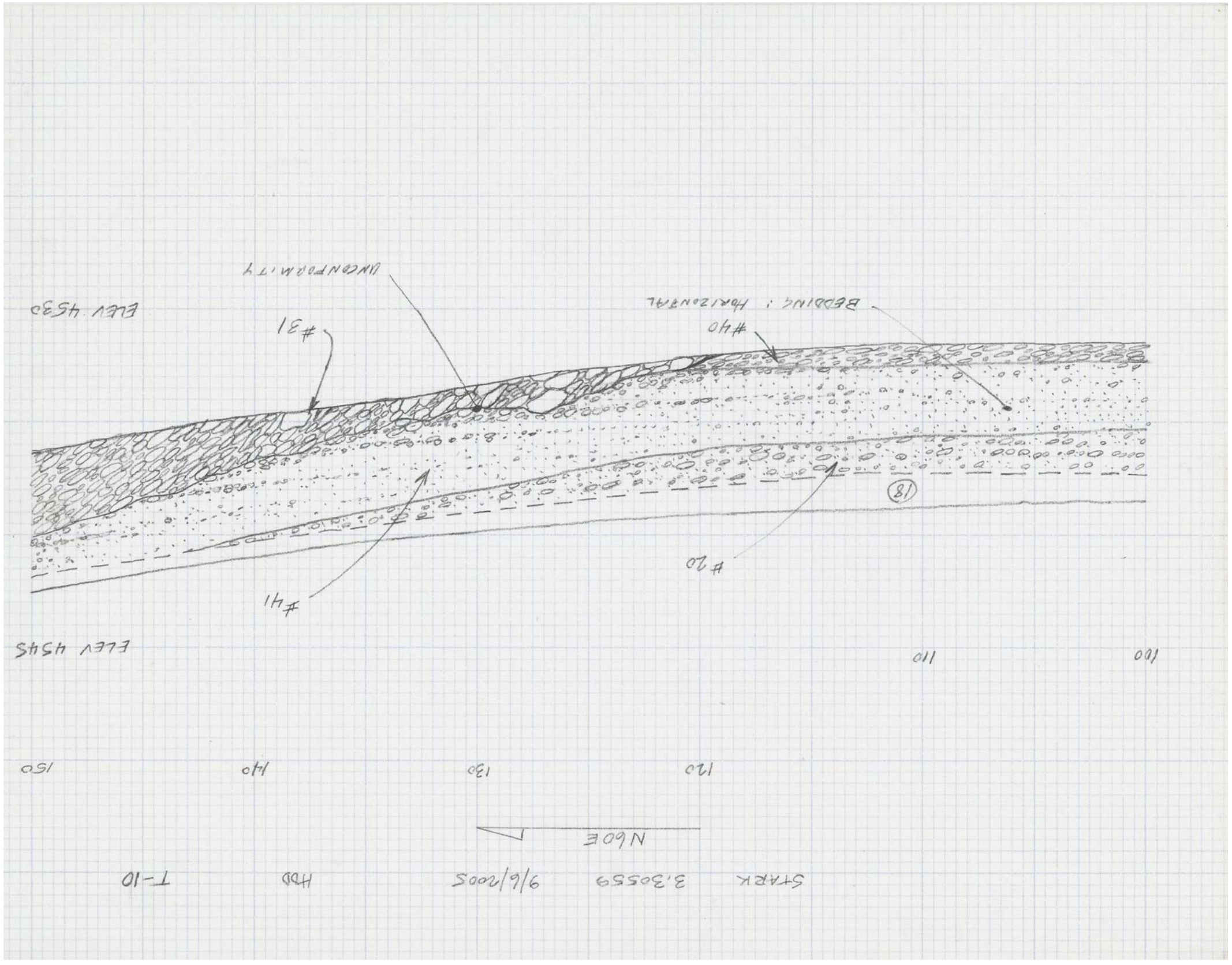
NOTE: REFFER TO OTHER LOGS OR REPORT TEXT FOR DETAILED DESCRIPTIONS OF DENOTED LITHOLOGIC UNITS



PROJECT: **GEOLOGIC LOG OF FAULT TRENCH T-10** PHASE 2 OF WHITE MOUNTAIN ESTATES SUBDIVISION	
HORIZ. SCALE: 1"=5' / VERT. SCALE: 1"=5' / DATE: 10/3/2005	
DRAWING: 3.3059-TRENCHES.DWG	LOGGED BY: HDD / DRAFTED BY: HDD
JOB NO.: 3.3059	TITLE: **SHEET 3 OF 5**

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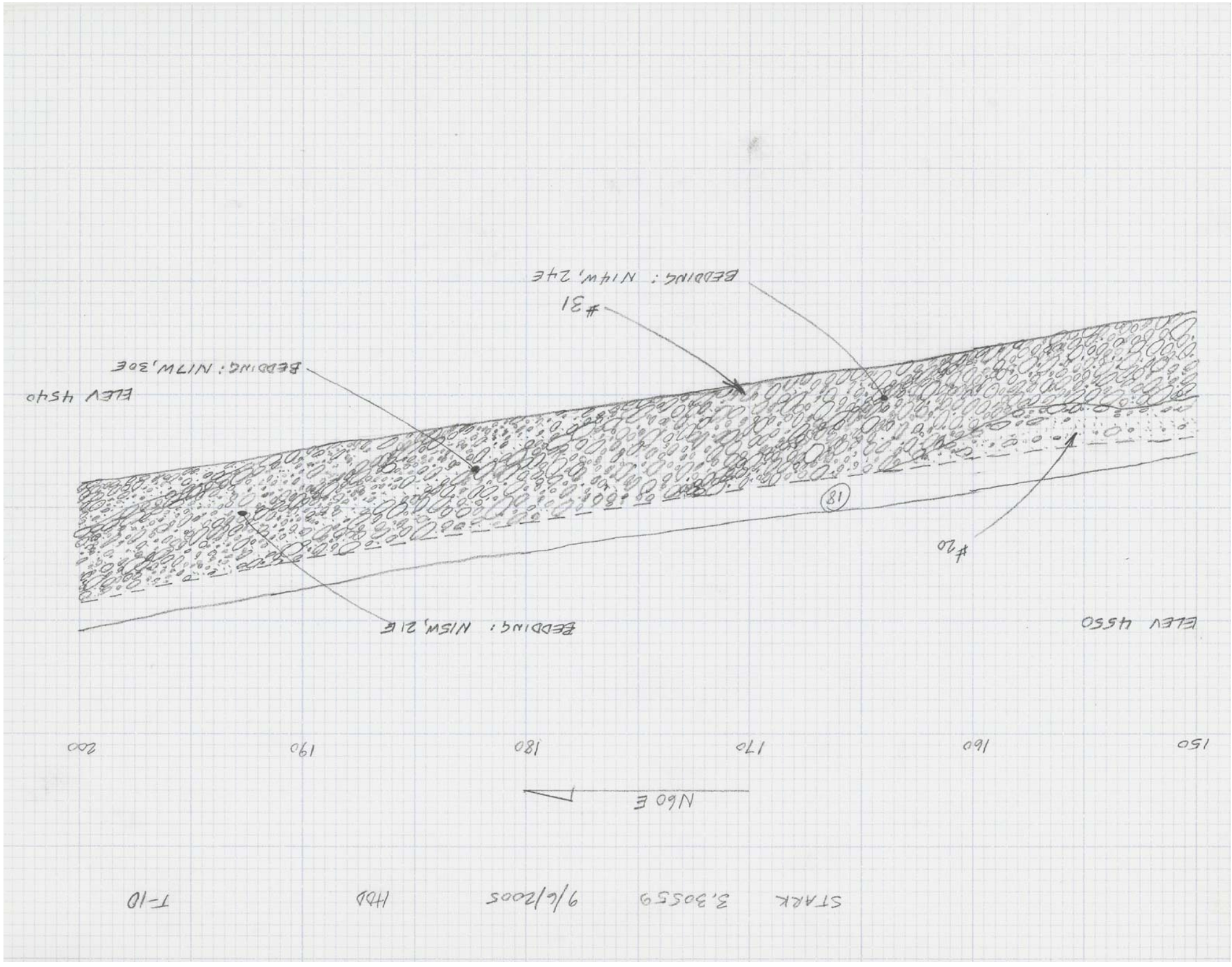
NOTE: REFER TO OTHER LOGS OR REPORT TEXT FOR DETAILED DESCRIPTIONS OF DENOTED LITHOLOGIC UNITS



PROJECT:
GEOLOGIC LOG OF FAULT TRENCH T-10
PHASE 2 OF WHITE MOUNTAIN ESTATES SUBDIVISION

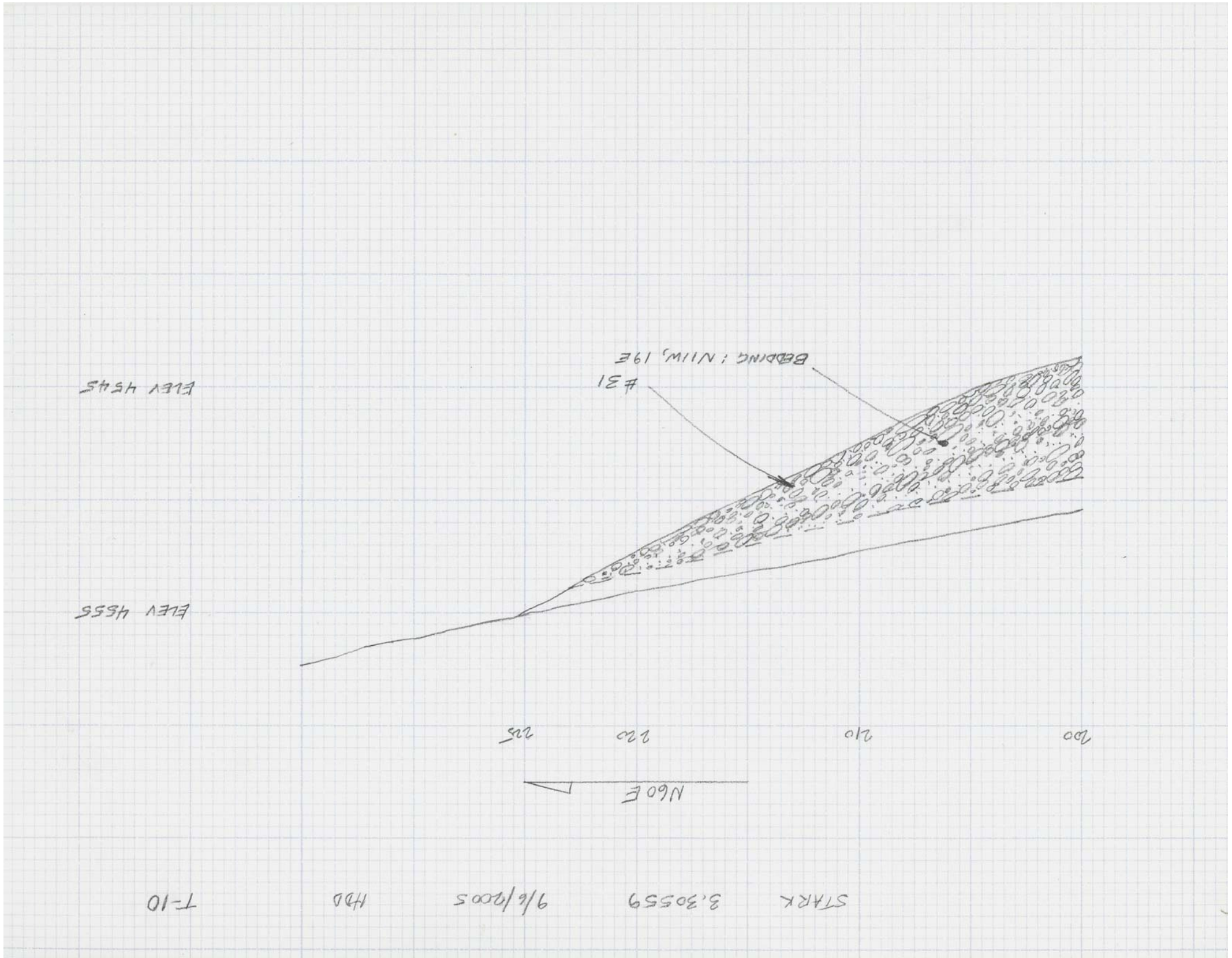
HORIZ. SCALE:	VERT. SCALE:	DATE:
1"=5'	1"=5'	10/3/2005

DRAWING:	LOGGED BY:	DRAFTED BY:
3.30559-TRENCHES.DWG	HDD	HDD

JOB NO.:	TITLE:
3.30559	SHEET 4 OF 5

SIERRA GEOTECHNICAL SERVICES INC.

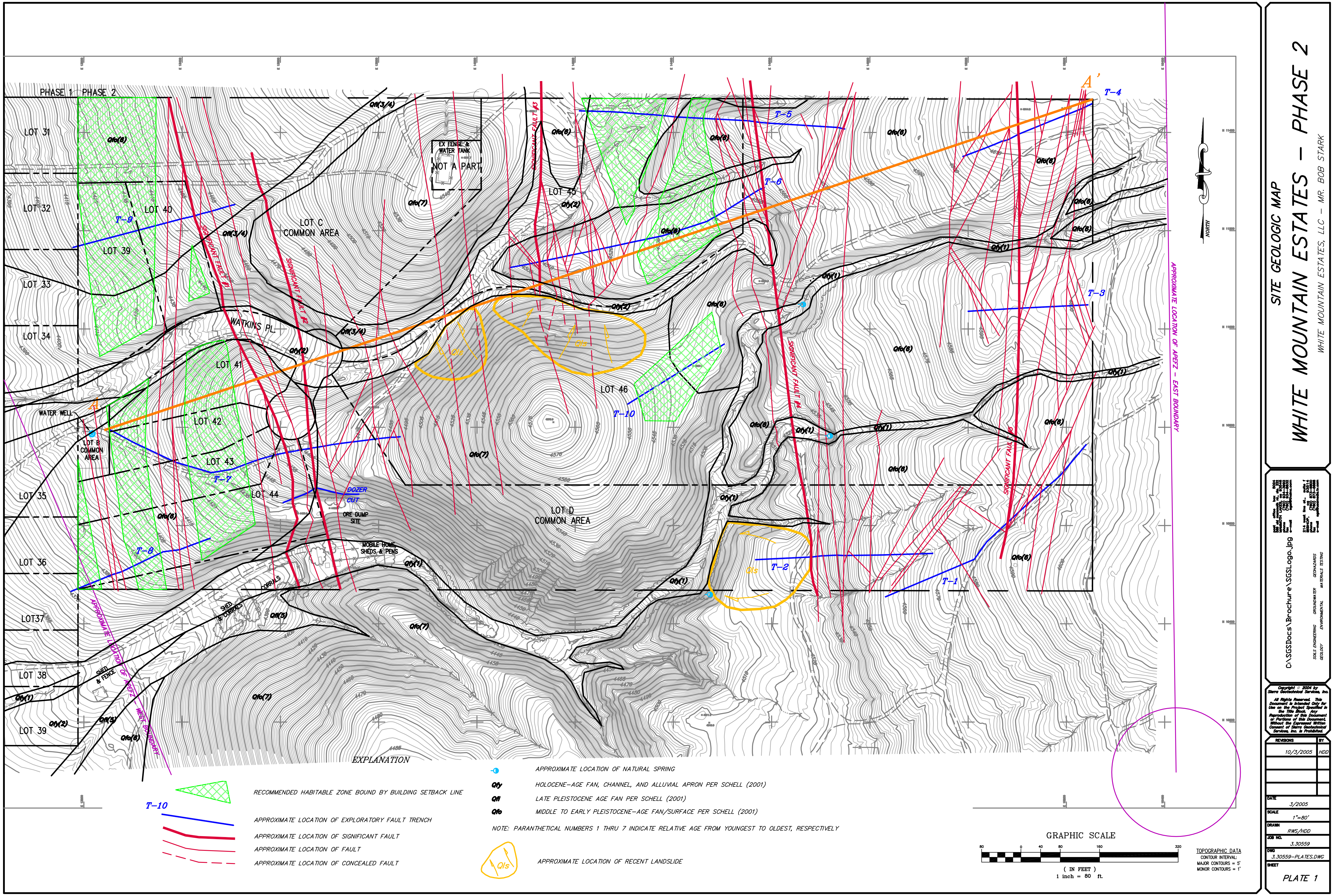
NOTE: REFFER TO OTHER LOGS OR REPORT TEXT FOR DETAILED DESCRIPTIONS OF DENOTED LITHOLOGIC UNITS



PROJECT:	**GEOLOGIC LOG OF FAULT TRENCH T-10**
	PHASE 2 OF WHITE MOUNTAIN ESTATES SUBDIVISION
HORIZ. SCALE: *1"=5'*	VERT. SCALE: *1"=5'*
DATE: *10/3/2005*	
DRAWING: *3.30559-TRENCHES.DWG*	LOGGED BY: *HDD*
DRAFTED BY: *HDD*	
JOB NO.: *3.30559*	TITLE: **SHEET 5 OF 5**

REVISED GEOLOGIC MAP

PLATE 1


SITE GEOLOGIC MAP
WHITE MOUNTAIN ESTATES - PHASE 2
WHITE MOUNTAIN ESTATES, LLC - MR. BOB STARK
C:\SGSDocs\Brochure\SGSLogo.jpg
SOILS ENGINEERING GROUNDWATER GEOHAZARDS
GEOLOGY ENVIRONMENTAL MATERIALS TESTING
post office box 5024
568 old mammoth rd., ste. 222
MAMMOTH LAKES, ca 93546
phone (760) 934-3992
fax (760) 934-3832
e-mail sgsi@sgsinfo.com
214 west line st., suite 1
BISHOP, ca 93514
phone (760) 873-6800
fax (760) 873-6888
e-mail sgsi@usamedia.tv.com
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REVISIONS 10/3/2005 BY HDD
DATE 3/2005
SCALE 1"=80'
DRAWN RWS/HDD
JOB NO. 3.30559
DWG 3.30559-PLATES.DWG
SHEET PLATE 1
NORTH
TOPOGRAPHIC DATA
CONTOUR INTERVAL:
MAJOR CONTOURS = 5'
MONOR CONTOURS = 1'
GRAPHIC SCALE
(IN FEET)
1 inch = 80 ft.
APPROXIMATE LOCATION OF APEFZ - EAST BOUNDARY
APPROXIMATE LOCATION OF APEFZ - WEST BOUNDARY
SIGNIFICANT FAULT #1
SIGNIFICANT FAULT #2
SIGNIFICANT FAULT #3
SIGNIFICANT FAULT #4
SIGNIFICANT FAULT #5
T-1
T-2
T-3
T-4
T-5
T-6
T-7
T-8
T-9
T-10
A'
A
Qfo(6)
Qfy(1)
Qfo(7)
Qff(3/4)
Qfy(2)
Qff(5)
Qls
LOT 31
LOT 32
LOT 33
LOT 34
LOT 35
LOT 36
LOT37
LOT 38
LOT 39
LOT 40
LOT 41
LOT 42
LOT 43
LOT 44
LOT 45
LOT 46
LOT B COMMON AREA
LOT C COMMON AREA
LOT D COMMON AREA
WATKINS PL.
WATER WELL
PHASE 1
PHASE 2
EX FENSE & WATER TANK
NOT A PART
DOZER CUT
ORE DUMP SITE
MOBILE HOME, SHEDS, & PENS
CORRALS
SHED & CORRALS
SHED & FENCE
EXPLANATION
RECOMMENDED HABITABLE ZONE BOUND BY BUILDING SETBACK LINE
APPROXIMATE LOCATION OF EXPLORATORY FAULT TRENCH
APPROXIMATE LOCATION OF SIGNIFICANT FAULT
APPROXIMATE LOCATION OF FAULT
APPROXIMATE LOCATION OF CONCEALED FAULT
APPROXIMATE LOCATION OF NATURAL SPRING
Qfy HOLOCENE-AGE FAN, CHANNEL, AND ALLUVIAL APRON PER SCHELL (2001)
Qff LATE PLEISTOCENE AGE FAN PER SCHELL (2001)
Qfo MIDDLE TO EARLY PLEISTOCENE-AGE FAN/SURFACE PER SCHELL (2001)
NOTE: PARANTHETICAL NUMBERS 1 THRU 7 INDICATE RELATIVE AGE FROM YOUNGEST TO OLDEST, RESPECTIVELY
APPROXIMATE LOCATION OF RECENT LANDSLIDE